

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Sterilisation chamber for use in an autoclave device including a housing, pressure means, and display means, said sterilisation chamber comprising;

~~a front planar wall surface including a front opening for allowing access to said chamber, a rear planar wall surface, and a chamber body portion disposed therebetween, said sterilisation chamber being adapted to enclose goods to be sterilized during a sterilisation process,~~

wherein said sterilization chamber comprises fastening portions formed in integration with the rest of the chamber for allowing~~wherein said sterilisation chamber is releasably fastened within the autoclave device by releasably connecting~~
releasable connection of the front wall surface and the rear wall surface~~sterilization chamber~~ directly to the housing of the autoclave device by means of repeatedly removable fasteners, said sterilisation chamber comprising at least an inlet integrally formed with said chamber for releasable connection to a sterilant source from the autoclave device, wherein an interior of said sterilisation chamber is pressurized during the autoclave process so as to define a sealed pressure chamber,

and wherein said sterilisation chamber defines a self supported structure manufactured essentially from a polymeric material having natural heat isolating

properties so as to reduce the risk of burning to a person touching the housing of the autoclave device.

2. (Original) Sterilisation chamber according to claim 1, wherein said chamber is manufactured from an injection-mouldable material.

3. (Previously Presented) Sterilisation chamber according to claim 2, wherein a reinforced material is included in said injection-mouldable material.

4. (Previously Presented) Sterilisation chamber according to claim 2, wherein a reinforcement material, such as a rowing weave material is arranged around said injection moulded material, forming an outer layer of said chamber.

5. (Previously Presented) Sterilisation chamber according to claim 2, wherein said injection-mouldable material essentially is a polyamide material.

6. (Original) Sterilisation chamber according to claim 1, wherein said chamber is manufactured from a composite material.

7. (Original) Sterilisation chamber according to claim 6, wherein said composite material comprises a carbon fibre rowing weave and a concatenating polymer material.

8. (Original) Sterilisation chamber according to claim 7, wherein said concatenating polymer material is an epoxy material.

9. (Original) Sterilisation chamber according to claim 6, wherein said composite material comprises a glass fibre rowing weave and a concatenating polymer material.

10. (Previously Presented) Sterilisation chamber according to claim 9, wherein said concatenating polymer material is selected from the group consisting of polyvinyl, isopolyester and orthopolyester material.

11. (Previously Presented) Sterilisation chamber according to claim 1, wherein said chamber is releasably mountable in said sterilisation device.

12. (Previously Presented) Sterilisation chamber according to claim 1, wherein said chamber is essentially manufactured in one continuous piece.

13. (Previously Presented) Sterilisation chamber according to claim 12, wherein components comprising at least one of inlets and outlets for steam, moisture and the like, are integrally formed with said chamber.

14. (Previously Presented) Sterilisation chamber according to claim 12, wherein said chamber is sealing closed by a movable sealing chamber door on the sterilization device.

15. (Previously Presented) Sterilisation device, being provided with a sterilisation chamber, in which a sterilisation process is intended to be performed, wherein said chamber is as described in claim 1.

16. (Previously Presented) Sterilisation chamber according to claim 3, wherein a reinforcement material, such as a rowing weave material is arranged around said injection moulded material, forming an outer layer of said chamber.

17. (Previously Presented) Sterilisation chamber according to claim 3, wherein said injection-mouldable material essentially is a polyamide material.

18. (Previously Presented) Sterilisation chamber according to claim 4, wherein said injection-mouldable material essentially is a polyamide material.

19. (Previously Presented) Sterilisation chamber according to claim 2, wherein said chamber is releasably mountable in said sterilisation device.

20. (Previously Presented) Sterilisation chamber according to claim 14, wherein said chamber is provided with a pair of integrally formed tracks, in which the sealing chamber door may be slidably mounted, wherein when said releasably fastened chamber is removed from the sterilization device said tracks are also removed therewith.

21. (Newly added) The sterilization chamber according to claim 1, wherein said fastening portions are flat front and back surfaces of the sterilization chamber

being provided with openings through which a fastening means may be introduced and thereafter fastened in the housing.

22. (Newly Added) The sterilization chamber according to claim 21, wherein the fastening means comprises a screw.

22. (Newly added) A sterilization device for sterilizing goods to be sterilized, comprising:

a housing constituting an outer boundary of the sterilization device; and

a sterilization chamber being adapted to enclose the goods to be sterilized, and being arranged within said housing, said sterilization chamber comprising fastening portions formed in integration with the rest of the chamber; and

repeatedly removable fastener means for releasably fastening the fastening portions of the sterilization chamber, and thereby the sterilization chamber, in the housing,

wherein said sterilization chamber defines a self supported structure manufactured essentially from a polymeric material.

23. (Newly added) The sterilization device according to claim 22, wherein said fastener means are configured for repeated fastening, release, and subsequent fastening of the sterilization chamber to the housing.

24. (Newly Added) Sterilisation chamber for use in an autoclave device including a housing, pressure means, and display means, said sterilisation chamber comprising;

a front planar wall surface including a front opening for allowing access to said chamber, a rear planar wall surface, and a chamber body portion disposed therebetween, said sterilisation chamber being adapted to enclose goods to be sterilized during a sterilisation process, and

releasable fastener means for repeatedly and releasably mounting said chamber in said sterilisation device, said releasable fastener means releasably connecting the front wall surface and the rear wall surface directly to the housing of the autoclave device, said sterilisation chamber comprising at least an inlet integrally formed with said chamber for releasable connection to a sterilant source from the autoclave device, wherein an interior of said sterilisation chamber is pressurized during the autoclave process so as to define a sealed pressure chamber,

and wherein said sterilisation chamber defines a self supported structure manufactured essentially from a polymeric material having natural heat isolating properties so as to reduce the risk of burning to a person touching the housing of the autoclave device.

25. (Newly Added) Sterilization chamber according to claim 24, wherein said releasable fastener means include said planar front and rear wall surfaces defining a plurality of fastener portions and a plurality of fastening elements extending through said front planar wall surface and said rear planar wall surface, said fastening elements defining a first position for fastening said sterilisation

chamber within the autoclave device and a second position for removing said sterilisation chamber from the autoclave device, said fastening elements being configured for repeated fastening, release, and subsequent fastening of said sterilization chamber.

26. (Newly Added) Sterilization chamber according to claim 24, wherein said chamber body portion defines a cylindrical chamber area for sterilization.